

0590  
1231

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## RAW SEQUENCE LISTING

DATE: 01/09/2003

PATENT APPLICATION: US/10/072,012

TIME: 13:29:11

Input Set : D:\Cura 558 Sequence List.txt

Output Set: N:\CRF4\01092003\J072012.raw

3 <110> APPLICANT: Tchernev, Velizar  
4 Spytek, Kimberly  
5 Zerhusen, Bryan  
6 Patturajan, Meera  
7 Shimkets, Richard  
8 Li, Li  
9 Gangolli, Esha  
10 Padigar, Muralidhara  
11 Anderson, David W.  
12 Rastelli, Luca  
13 Miller, Charles E.  
14 Gerlach, Valerie  
15 Taupier Jr, Raymond J.  
16 Gusev, Vladimir Y.  
17 Colman, Steven D.  
18 Wolenc, Adam R.  
19 Pena, Carol E. A  
20 Furtak, Katarzyna  
21 Grosse, William M.  
22 Alsobrook II, John P.  
23 Lepley, Denise M.  
24 Rieger, Daniel K.  
25 Burgess, Catherine E.  
27 <120> TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
29 <130> FILE REFERENCE: 21402-258  
C--> 31 <140> CURRENT APPLICATION NUMBER: US/10/072,012  
C--> 32 <141> CURRENT FILING DATE: 2002-01-31  
34 <150> PRIOR APPLICATION NUMBER: 60/265,102  
35 <151> PRIOR FILING DATE: 2001-01-30  
37 <150> PRIOR APPLICATION NUMBER: 60/265,514  
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53 <151> PRIOR FILING DATE: 2001-02-05  
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56 <151> PRIOR FILING DATE: 2001-02-07

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110 ggtgggctac tcctcatctt ctcggcctgc ctgggaaaag aagatgtgcc ttttcctttg 600
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131          50          55          60
133 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
134 65          70          75          80
136 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
137          85          90          95
139 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
140          100          105          110
142 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
143          115          120          125
145 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
146          130          135          140
148 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Arg Trp
149 145          150          155          160
151 Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala Gly Ile Phe Leu
152          165          170          175
154 Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys Leu Gly Lys Glu
155          180          185          190
157 Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val Pro Leu Ser Cys
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181 cggtgggagt ttggaggtgc cctctacttg ggctgggctg ctggtatttt cctggctctt 540
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189 <212> TYPE: PRT
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Input Set : D:\Cura 558 Sequence List.txt

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196 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
197           20           25           30
199 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
200           35           40           45
202 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
203           50           55           60
205 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
206   65           70           75           80
208 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
209           85           90           95
211 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
212           100          105          110
214 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
215           115          120          125
217 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
218           130          135          140
220 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Ser Val
221 145           150          155          160
223 Gly Val Trp Arg Cys Pro Leu Leu Gly Leu Gly Cys Trp Tyr Phe Pro
224           165          170          175
226 Gly Ser Trp Trp Ala Thr Pro His Leu Leu Gly Leu Pro Gly Lys Arg
227           180          185          190
229 Arg Cys Ala Phe Ser Phe Asp Gly Trp Ser His Ser Pro Pro Ile Leu
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247 aactgaacga gatggagacc tggatcatgg ggatttggga ggtctgcgtg gatcgagagg 180
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253 cctgcctggg aaaagaagat gtgccttttc ctttgatggc tggteccaca gtccccctat 540
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260 <212> TYPE: PRT
261 <213> ORGANISM: Homo sapiens
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265   1           5           10           15
267 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
268           20           25           30
270 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
271           35           40           45
273 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
274           50           55           60
276 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Phe His
277           65           70           75           80
279 Arg Ile Arg Trp Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr
280           85           90           95
282 Leu Glu Ala Ser Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val
283           100          105          110
285 Ala His Ala Thr Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile
286           115          120          125
288 Ile Pro Arg Trp Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala
289           130          135          140
291 Gly Ile Phe Leu Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys
292          145          150          155          160
294 Leu Gly Lys Glu Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val
295           165          170          175
297 Pro Leu Ser Cys Ala Pro Val Glu Glu Ser Asp Gly Ser Phe His Leu
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312 aactgaacga gatggagacc tggatcatgg ggatttggga ggtctgcgtg gatcgagagg 180
313 aagtcgccac tgtgtgcaag gcctttgaat ctttcttgtc tctgccccag gagctccagg 240
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318 ggtgggagtt tggaggtgcc ctctacttgg gctgggctgc tggatatttc ctggctcttg 540
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320 tggtctgtcc cacagtcccc ctatcctgtg ctccagtgga ggagtcagat ggctccttcc 660
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327 <212> TYPE: PRT
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/072,012

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Input Set : D:\Cura 558 Sequence List.txt  
Output Set: N:\CRF4\01092003\J072012.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:338; Xaa Pos. 15

Seq#:430; Xaa Pos. 40,41,42,43,44,45,46

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Seq#:469; Xaa Pos. 891,1763,1787

Seq#:596; Xaa Pos. 41

Seq#:698; Xaa Pos. 40,41,42,43,44,45,46

Seq#:702; Xaa Pos. 469

Seq#:775; Xaa Pos. 164

Seq#:779; Xaa Pos. 15